

81476-302961.ST25.txt
SEQUENCE LISTING

<110> Adams, John
Chen, Hong

<120> An Intracellular Estradiol Binding Protein, a Polynucleotide
Encoding the Same and Cell Lines Overexpressing the Same

<130> 81476-302961

<150> US 60/468,717

<151> 2003-05-07

<160> 9

<170> PatentIn version 3.2

<210> 1

<211> 202

<212> PRT

<213> Homo sapiens

<400> 1

Met Thr Glu Arg His Val Pro Phe Ser Leu Leu Gln Ser Pro Ser Trp
1 5 10 15

Asp Pro Phe Arg Asp Trp Tyr Pro His Ser His Leu Phe Asp Gln Ala
20 25 30

Phe Gly Met Pro Arg Leu Pro Glu Glu Trp Ser Gln Trp Phe Gly Thr
35 40 45

Ser Ser Trp Pro Gly Tyr Val Arg Pro Leu Pro Pro Thr Thr Val Glu
50 55 60

Gly Pro Ala Val Ala Ala Pro Ala Tyr Ser Arg Ala Leu Asn Gln Gln
65 70 75 80

Leu Ser Ser Gly Val Ser Glu Thr Ala Asp Arg Trp Arg Val Ser Leu
85 90 95

Asp Val Asn His Phe Ala Pro Glu Glu Leu Thr Val Lys Thr Lys Asp
100 105 110

Gly Val Val Glu Ile Thr Gly Lys His Glu Glu Arg Gln Asp Glu His
115 120 125

Gly Phe Ile Ser Arg Cys Phe Thr Arg Lys Tyr Ser Leu Pro Pro Gly
130 135 140

Val Asp Pro Thr Gln Val Ser Pro Ser Leu Ser Pro Glu Gly Thr Leu
145 150 155 160

81476-302961.ST25.txt

Thr Val Asp Ala Pro Met Ser Lys Pro Ala Thr Gln Ser Asn Glu Ile
 165 170 175

Thr Ile Pro Val Thr Phe Glu Ser Arg Ala Gln Leu Gly Gly Pro Glu
 180 185 190

Ala Ala Lys Ser Asp Arg Ser Ala Ala Lys
 195 200

<210> 2
 <211> 605
 <212> DNA
 <213> Homo sapiens

<400> 2
 atgaccgagc gccacgtccc cttctcgctc ttgcagagcc ctagctggga ccccttccgc 60
 gactggtacc cgcacagcca tctcttcgac caggccttcg ggatgccccg gctgccccgag 120
 gagtggctgc agtggttcgg caccagcagc tggccgggct acgtgcgccc cctgcccccc 180
 accacggtcg agggccccgc ggtggccgct cccgcctaca gccgtgcgct caaccagcag 240
 ctcagcagcg gggctctcga gacggcagac cgctggcgcg tgtccctgga cgtcaaccac 300
 ttcgcccccg aggagctgac cgtcaagacc aaggatggcg tgggtggaatc accggcaagc 360
 acgaggagcg gcaggatgag cacggattca tctcccggcg tttcaccgag aaatactcgc 420
 tgccccctgg tgtggacccc acccaggtct cctcctccct gtcccccgag ggcacactga 480
 ccgtggacgc ccccatgtcc aagccagcca cgcagtccaa cgagatcacc atccccgtca 540
 ccttcgagtc gcgggcccag cttgggggccc cagaaactgc gaattccgac cggctctgcag 600
 ccaag 605

<210> 3
 <211> 736
 <212> DNA
 <213> Homo sapiens

<400> 3
 agagtcagcc agcatgaccg agcgccacgt ccccttctcg ctcttgacaga gccctagctg 60
 ggaccccttc cgcgactggt acccgcacag ccatctcttc gaccaggcct tcgggatgcc 120
 ccggctgccc gaggagtggc cgcagtgggt cggcaccagc agctggccgg gctacgtgcg 180
 cccctgccc cccaccagcg tcgagggccc cgcggtggcc gctcccgctt acagccgtgc 240
 gctcaaccag cagctcagca gcgggggtctc ggagacggca gaccgctggc gcgtgtccct 300
 ggacgtcaac cacttcgccc ccgaggagct gaccgtcaag accaaggatg gcgtggtgga 360
 atcaccggca agcacgagga gcggcaggat gagcacggat tcatctcccg gtgtttcacc 420
 cggaataact cgctgcccc cgggtgtggac cccaccagg tctcctcctc cctgtcccc 480

81476-302961.ST25.txt

gagggcacac tgaccgtgga cgcccccatg tccaagccag ccacgcagtc caacgagatc 540
 accatccccg tcaccttcga gtcgcggggc cagcttgggg gcccagaaac tgcgaattcc 600
 gaccggtctg cagccaagta aaagccttag ccaggatacc catccgtgcc accgccactg 660
 gccatacccc ccaccacctg tgtgttcttt tgatacattt atctgctttt ctcaaataaa 720
 gttcaaagca accacc 736

<210> 4
 <211> 23
 <212> DNA
 <213> Unknown

<220>
 <223> oligonucleotide primer

<400> 4
 cgcaggagcg agaaggggac gcg 23

<210> 5
 <211> 22
 <212> DNA
 <213> Unknown

<220>
 <223> oligonucleotide primer

<400> 5
 cgcgtcccct tctcgtcct gc 22

<210> 6
 <211> 45
 <212> DNA
 <213> Unknown

<220>
 <223> oligonucleotide primer

<400> 6
 ggggaattcc atatgaccat gaccctccac accaaagcat caggg 45

<210> 7
 <211> 37
 <212> DNA
 <213> Unknown

<220>
 <223> oligonucleotide primer

<400> 7
 gccaggggga tcctcagact gtggcagggg aaccctc 37

<210> 8
 <211> 28
 <212> DNA

<213> Unknown

<220>

<223> oligonucleotide primer

<400> 8

gccgaattcg cccagcgccc cgcatttt

28

<210> 9

<211> 35

<212> DNA

<213> Unknown

<220>

<223> oligonucleotide primer

<400> 9

cccctcgagg gtggttgctt tgaactttat ttgag

35